

I Claim:

1. A device for catalytically converting at least one component of an exhaust gas, including the exhaust gas from an internal-combustion engine, comprising:

a casing; and

a metallic support body formed from a plurality of layers of sheets and said casing at least partially surrounding said metallic support body and connected to said metallic support body, said sheets selected from the group consisting of corrugated sheets and smooth metal sheets, said metallic support body having at least two outer layers formed from smooth sheet-metal sections overlapping one another, said at least two outer layers formed substantially diametrically opposite one another and in each case have connection-free areas with respect to said casing.

2. The device according to claim 1, wherein each of said at least two outer layers, as seen along a circumferential direction of said metallic support body, extends along said metallic support body over a given angle.

3. The device according to claim 2, wherein said given angle of each of said at least two outer layers are substantially identical.

4. The device according to claim 1, wherein said metallic support body has two opposite end faces, and one of said at least two outer layers is formed adjacent to each of said two opposite end faces.

5. The device according to claim 1, wherein each of said at least two outer layers has a given length that is less than half a total length of said metallic support body.

6. The device according to claim 5, wherein said given length of each of said at least two outer layers are equal to each other.

7. The device according to claim 1, wherein said sheets have end sections, and at least some of said smooth sheet-metal sections are formed by said end sections of at least some of said sheets.

8. The device according to claim 1, wherein at least some of said smooth sheet-metal sections are formed by sheet-metal strips, in each case one of said sheet-metal strips is disposed between two adjacent ones of said sheets.

9. The device according to claim 2, wherein said given angle is 180 degrees.

10. The device according to claim 2, wherein said given angle is greater than 180 degrees.

11. The device according to claim 2, wherein said given angle is less than 180 degrees.